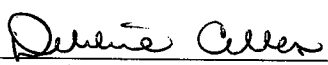


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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|---|---|--|
| In re Application of: | § | |
| KRISHNA M. RAVI, ET AL. | § | Group Art Unit: 1712 |
| | § | |
| Serial No.: 10/721,055 | § | |
| | § | Examiner: TIMOTHY J. KUGEL |
| Filed: NOVEMBER 24, 2003 | § | |
| | § | |
| Title: "VARIABLE DENSITY FLUIDS AND METHODS OF USE IN SUBTERRANEAN FORMATIONS" | § | |
| | § | Atty. Docket No: HES 2002-IP-008094U2 |
| | § | |
| | § | |

MAIL STOP RCE
Honorable Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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| <p align="center">CERTIFICATE OF FILING ELECTRONICALLY VIA EFS MPEP 503</p> <p>I HEREBY CERTIFY THAT I HAVE A REASONABLE BASIS FOR BELIEF THAT THIS CORRESPONDENCE IS BEING SUBMITTED TO THE UNITED STATES PATENT AND TRADEMARK OFFICE VIA EFS (ELECTRONICALLY) ON THE DATE INDICATED BELOW, AND IS ADDRESSED TO:</p> <p align="center">MAIL STOP RCE HONORABLE COMMISSIONER FOR PATENTS P.O. BOX 1450 ALEXANDRIA, VA 22313-1450</p> <p align="center"> DEBBIE ALLEN</p> <p>DATE OF SUBMISSION: FEBRUARY 29, 2008 ELECTRONIC FILING (EFS)</p> |
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**AMENDMENT AND RESPONSE AND
REQUEST FOR CONTINUED EXAMINATION (RCE) UNDER 37 C.F.R. §1.114**

Dear Honorable Commissioner:

Applicants hereby request continued examination, in accordance with 37 C.F.R. § 1.114, for the above-identified application.

This request is being submitted before: (i) the abandonment of this application; (ii) payment of the issue fee; (iii) the filing of a notice of appeal to the U.S. Court of Appeals for the

Federal Circuit; or (iv) the commencement of a civil action under 35 U.S.C. § 145 or 35 U.S.C. § 146.

In response to the Final Office Action mailed on August 31, 2007 (the “Final Office Action”), Applicants submit this response and respectfully request reconsideration of the rejections set forth in the Final Office Action in light of the amendments and remarks below.

Applicants submit the following:

- **Amendments to the Claims**, which are reflected in the listing of claims that begin on page 3 of this paper; and
- **Remarks/Argument** begins on page 10 of this paper.